

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084105.D
 Acq On : 25 Dec 2015 3:37
 Operator : UM/SJ
 Sample : G4894-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Dec 25 06:15:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

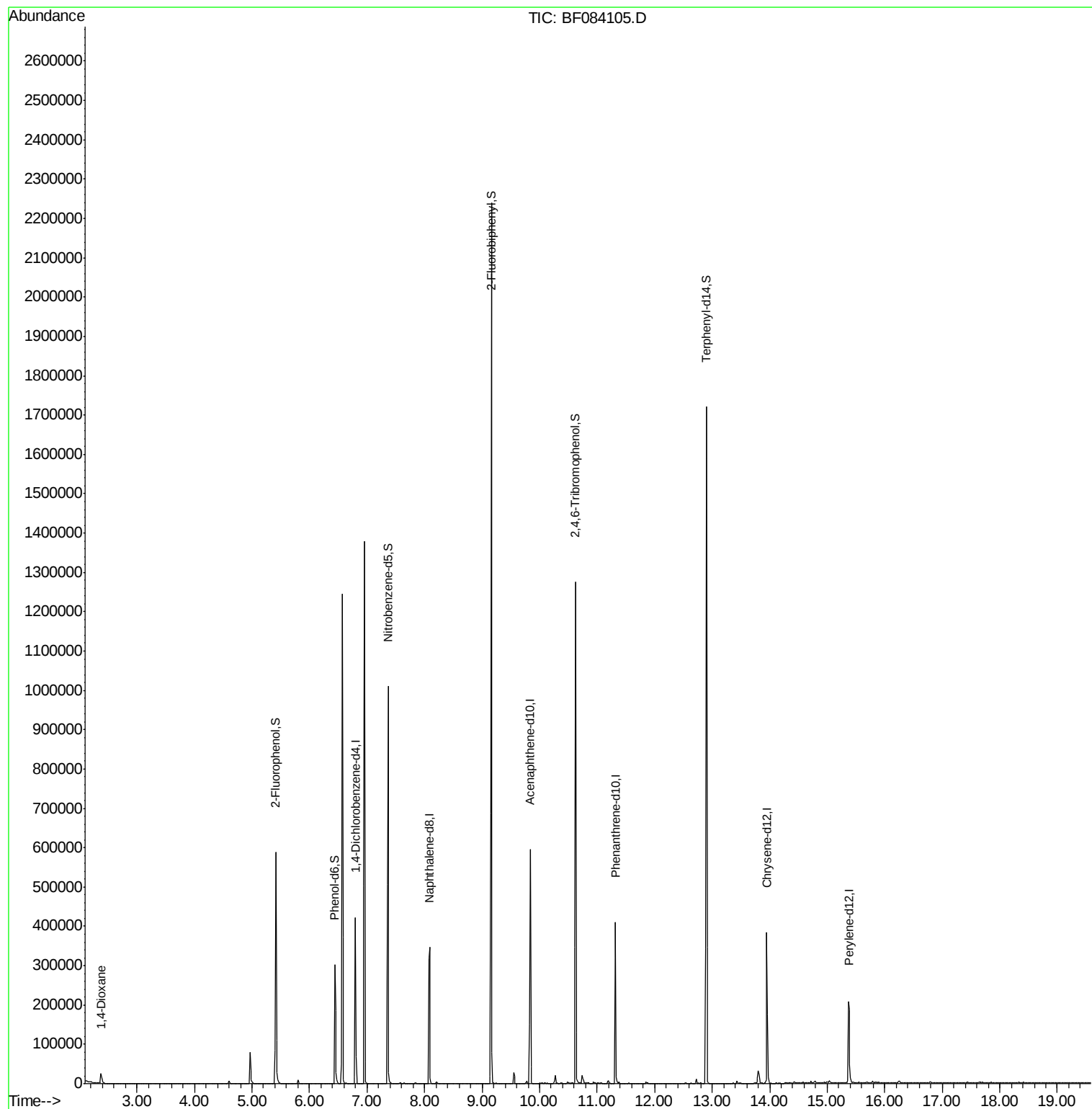
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	62891	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	240161	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	116297	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	205516	20.00	ng	0.00
75) Chrysene-d12	13.95	240	147651	20.00	ng	-0.01
86) Perylene-d12	15.38	264	120661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	176653	47.62	ng	0.00
7) Phenol-d6	6.44	99	136341	29.70	ng	-0.01
23) Nitrobenzene-d5	7.37	82	373028	90.92	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	145174	117.06	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	682550	80.30	ng	0.00
78) Terphenyl-d14	12.90	244	528048	64.71	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.37	88	13801	9.08	ng	Qvalue 98

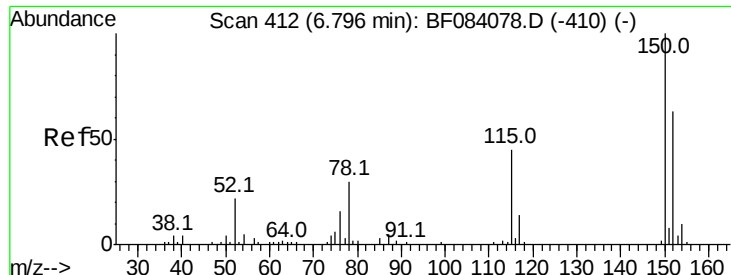
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 16:48:39 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

Instrument :

BNA_F

ClientSampleId :

MW-4

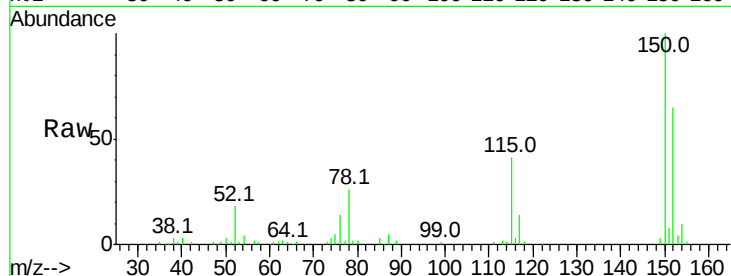
Tot Ion:152 Resp: 62891

Ion Ratio Lower Upper

152 100

150 152.9 123.0 184.4

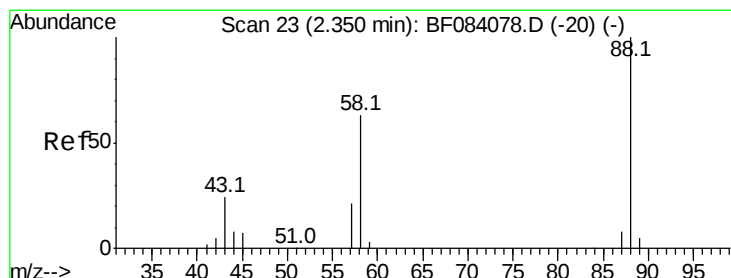
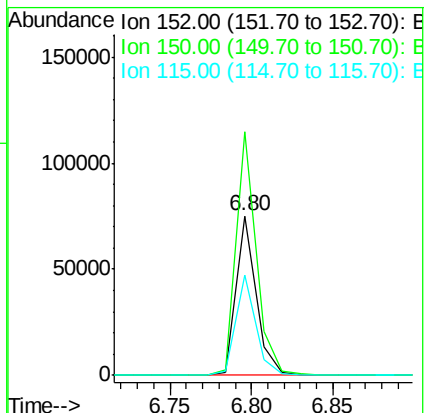
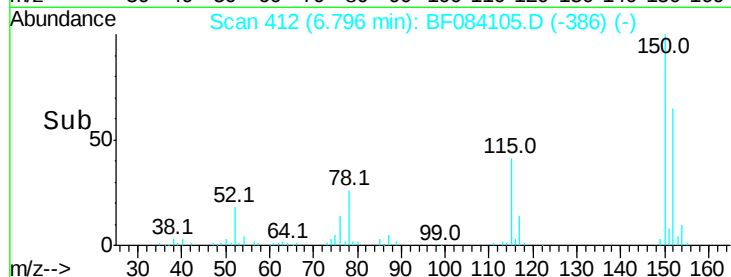
115 62.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 9.08 ng

RT: 2.37 min Scan# 25

Delta R.T. 0.02 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

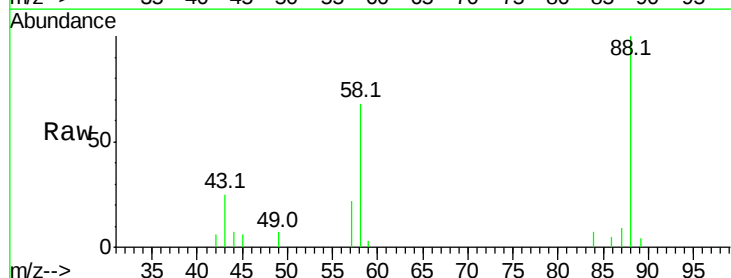
Tgt Ion: 88 Resp: 13801

Ion Ratio Lower Upper

88 100

58 62.5 51.2 76.8

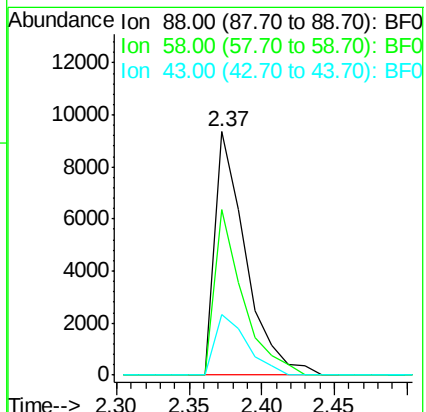
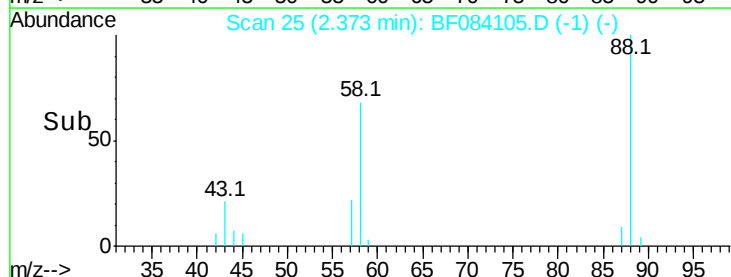
43 25.8 19.5 29.3

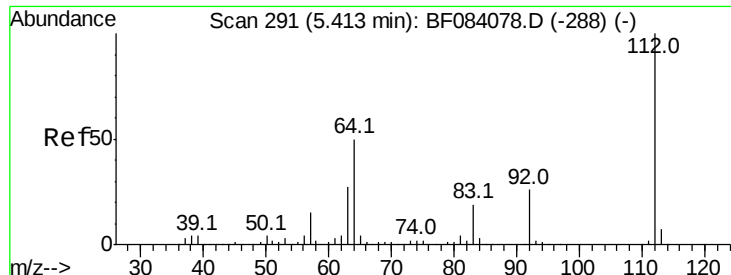


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 47.62 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

Instrument :

BNA_F

ClientSampled :

MW-4

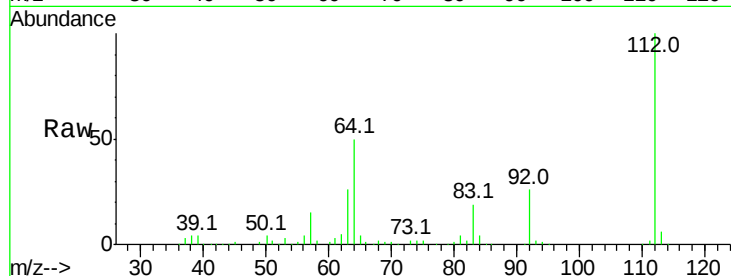
Tot Ion:112 Resp: 176653

Ion Ratio Lower Upper

112 100

64 49.6 36.6 55.0

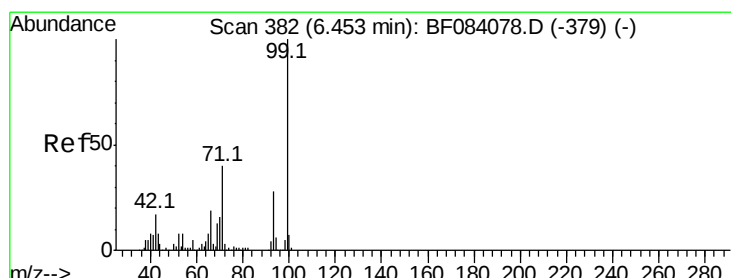
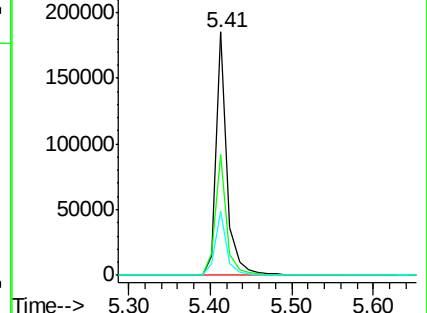
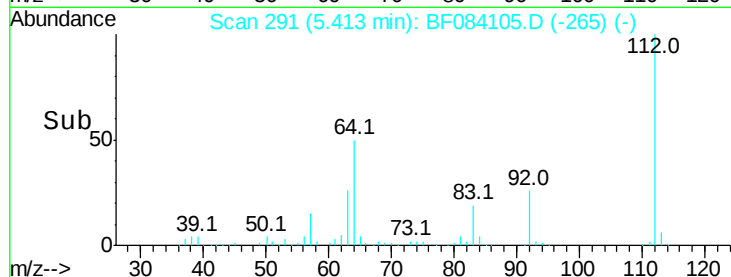
63 26.4 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 29.70 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

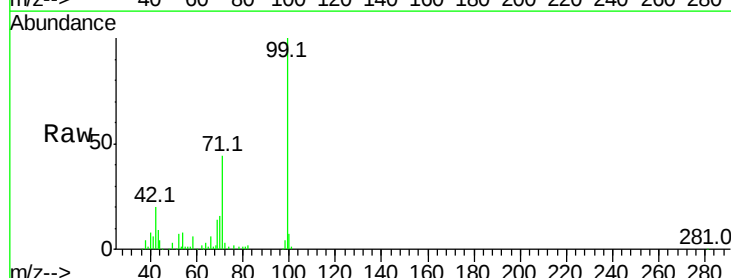
Tgt Ion: 99 Resp: 136341

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

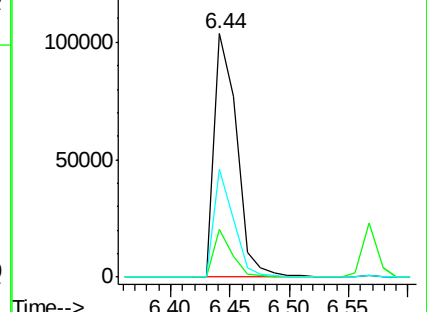
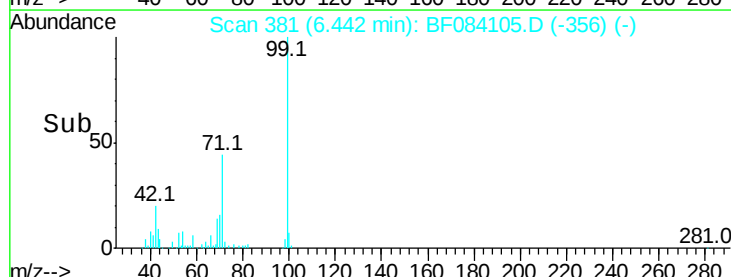
71 44.2 30.9 46.3

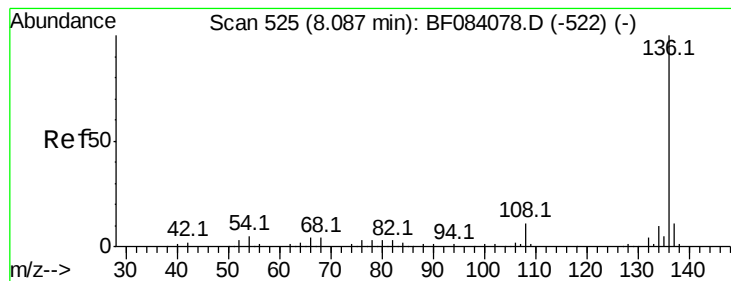


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

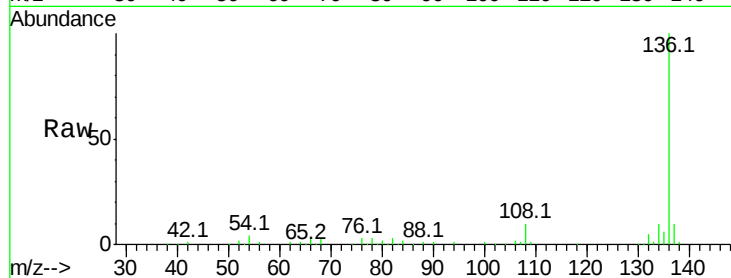




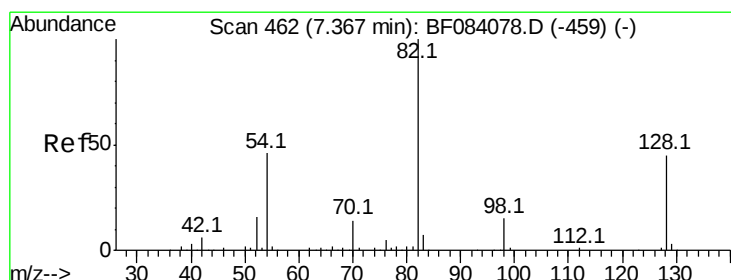
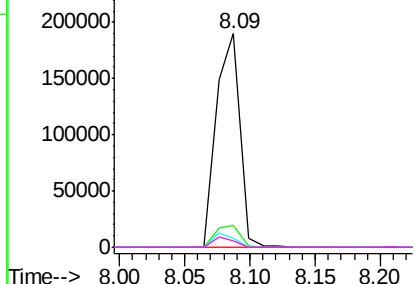
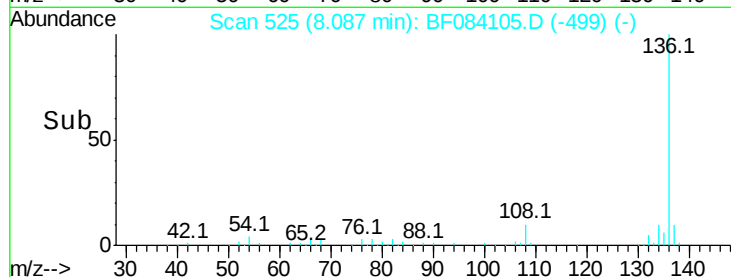
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084105.D
Acq: 25 Dec 2015 3:37

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:	136	Resp:	240161
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	4.1	5.8	8.8#
68	3.1	4.2	6.2#

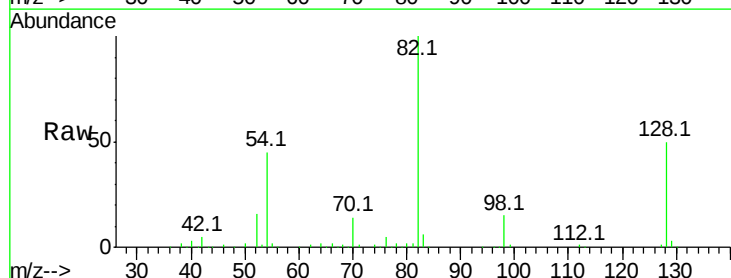


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

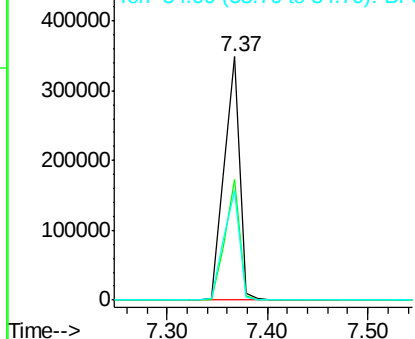
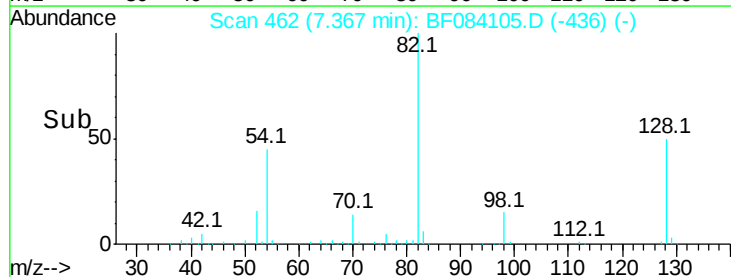


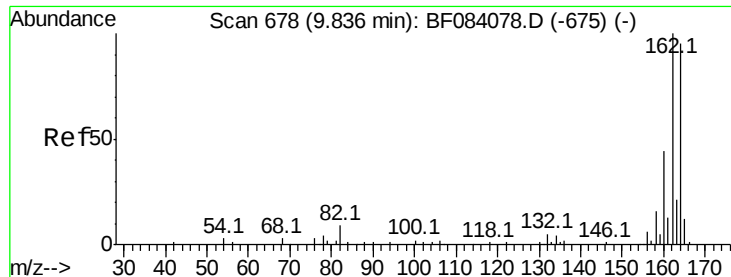
#23
Nitrobenzene-d5
Concen: 90.92 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084105.D
Acq: 25 Dec 2015 3:37

Tgt Ion:	82	Resp:	373028
Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.6	51.8
54	44.7	38.4	57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

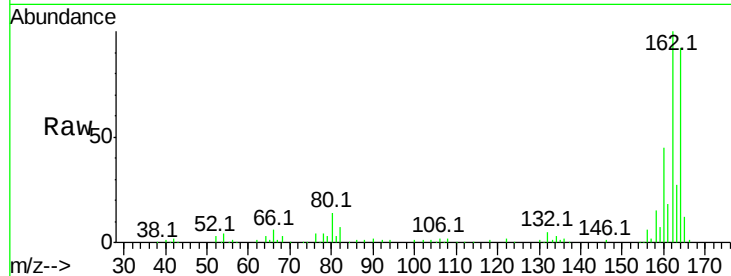




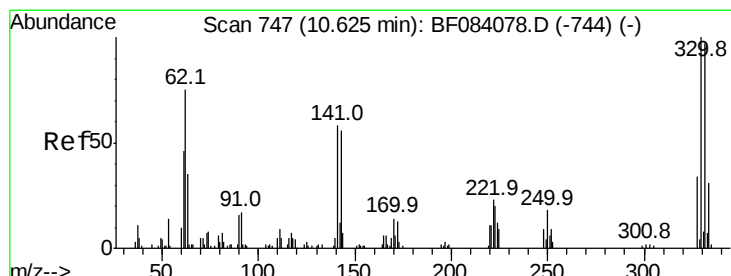
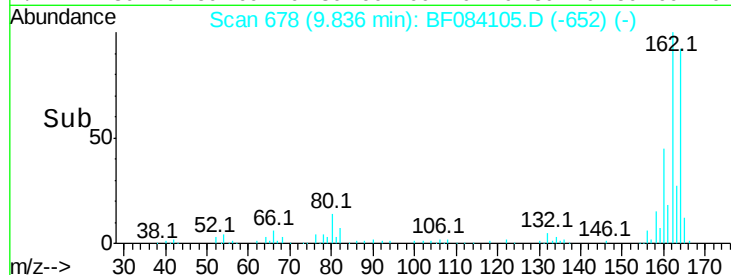
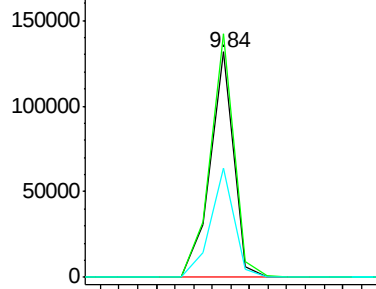
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084105.D
Acq: 25 Dec 2015 3:37

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:164 Resp: 116297
Ion Ratio Lower Upper
164 100
162 108.1 85.1 127.7
160 48.5 37.5 56.3

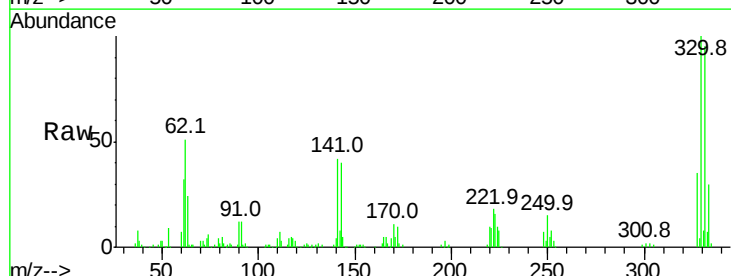


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

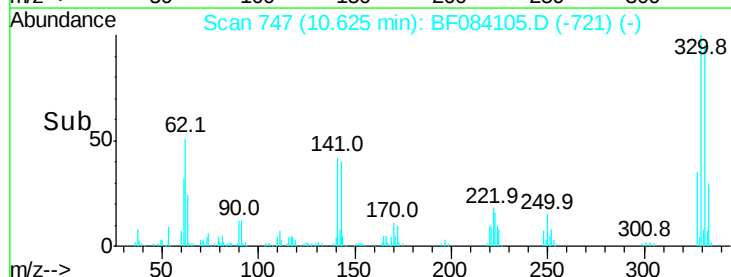
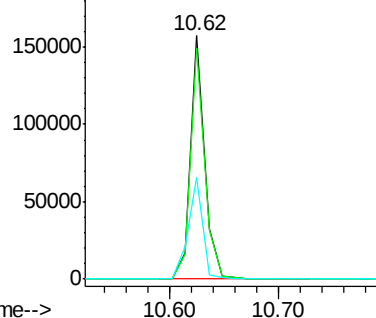


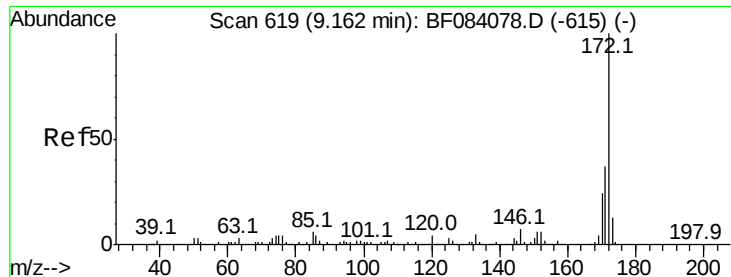
#41
2,4,6-Tribromophenol
Concen: 117.06 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF084105.D
Acq: 25 Dec 2015 3:37

Tgt Ion:330 Resp: 145174
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 43.0 27.8 41.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 80.30 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

Instrument :

BNA_F

ClientSampleId :

MW-4

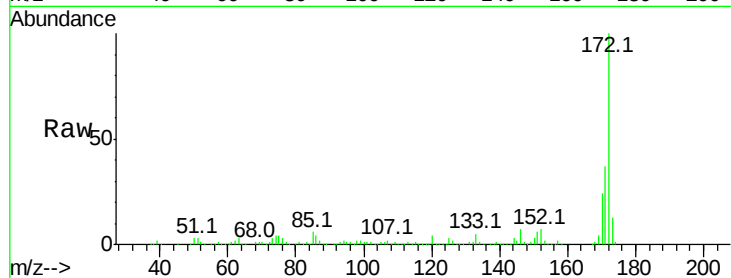
Tot Ion:172 Resp: 682550

Ion Ratio Lower Upper

172 100

171 37.3 28.9 43.3

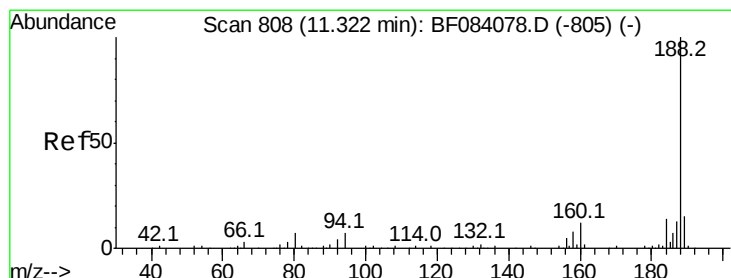
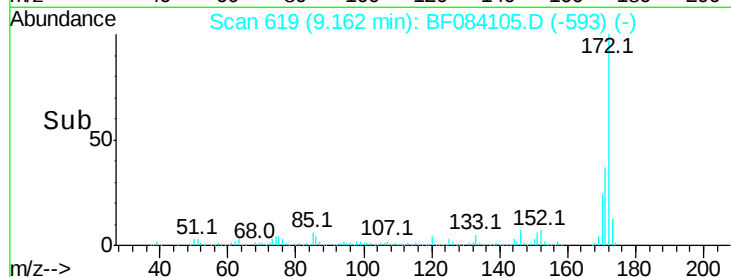
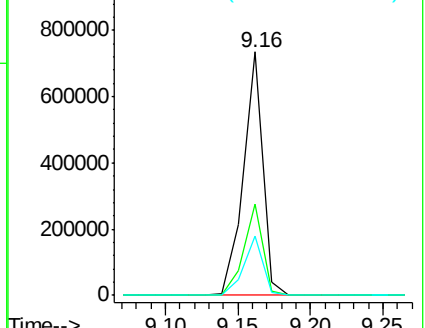
170 24.2 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

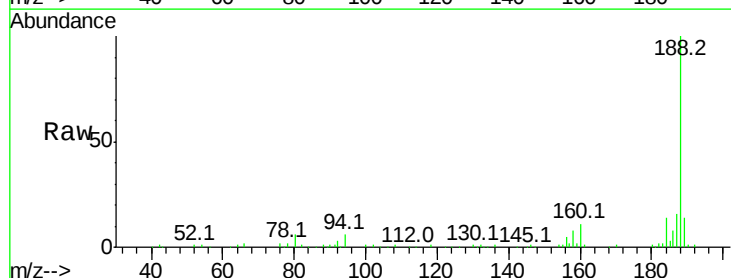
Tgt Ion:188 Resp: 205516

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

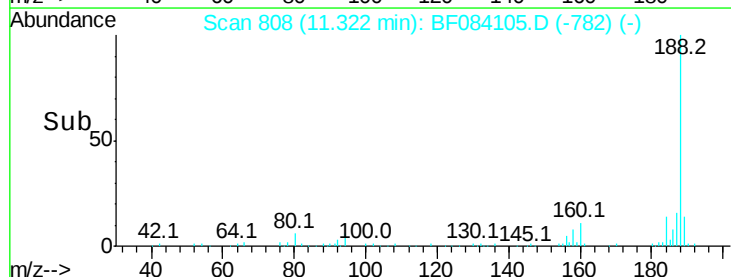
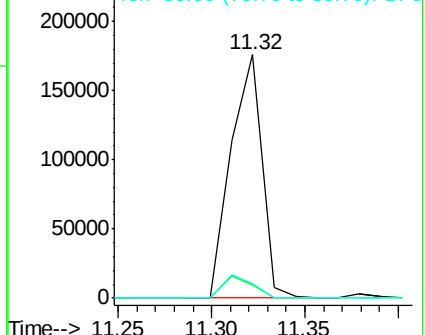
80 5.7 9.6 14.4#

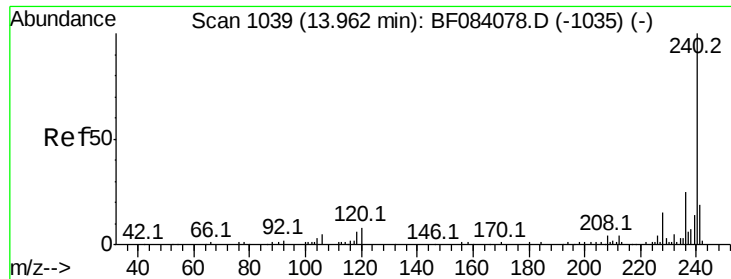


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

Instrument :

BNA_F

ClientSampleId :

MW-4

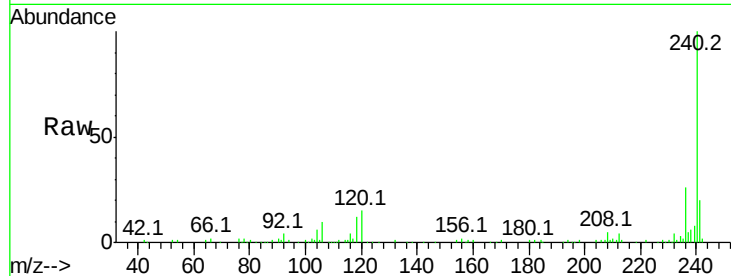
Tot Ion:240 Resp: 147651

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

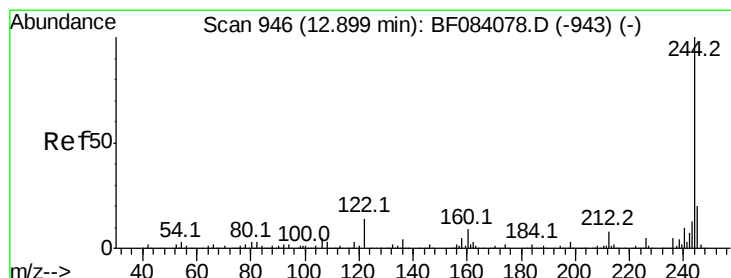
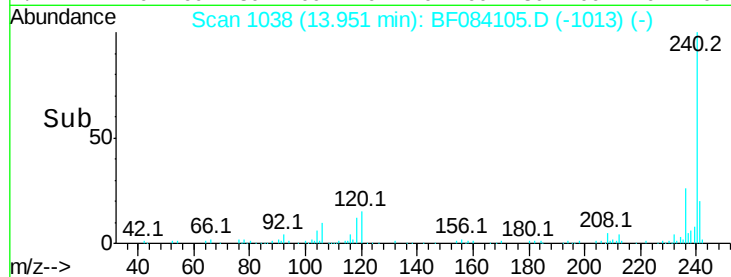
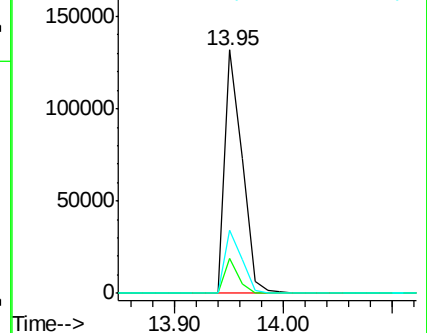
236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.71 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084105.D

Acq: 25 Dec 2015 3:37

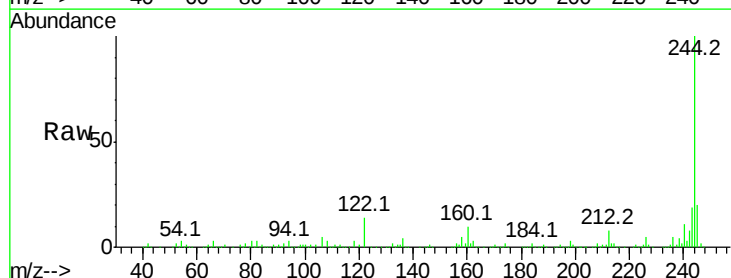
Tgt Ion:244 Resp: 528048

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

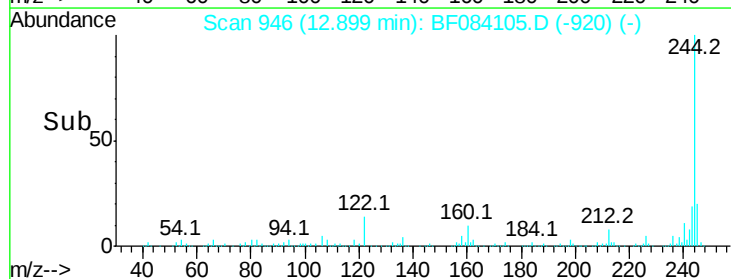
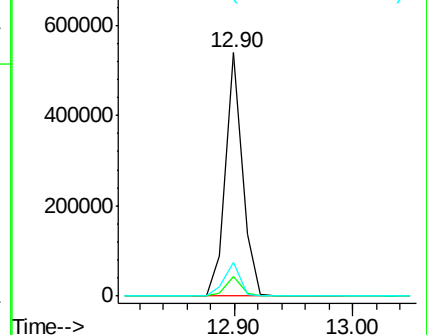
122 13.8 7.4 11.0#

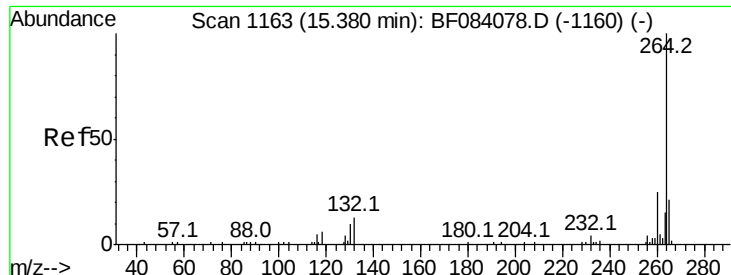


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

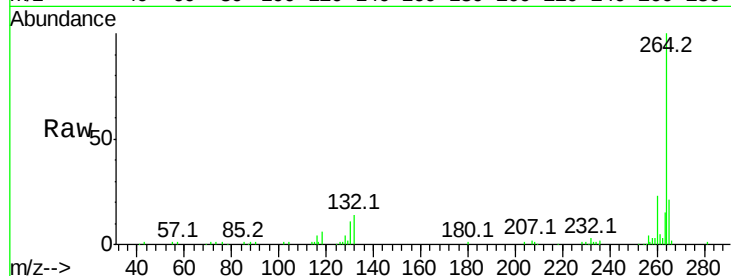




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084105.D
Acq: 25 Dec 2015 3:37

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:	264	Resp:	120661
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	20.5	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

